

WHAT IS CLAIMED IS:

1. A brake mechanism of a tool having a casing and an output shaft, comprising:
a trigger device comprising a switch for selectively activating power of the tool;
and
a brake device adapted to depress a transmission of power of the tool, the brake device comprising a brake board, a first connection device and a flexible band, the brake board having a connection rod extending through the casing and connected to the first connection device, the first connection device being a link mechanism which is activated by the connection rod of the brake device, the flexible band wrapping around the output shaft and having one end fixed to the casing and the other end connected to the first connection device, the flexible band being pulled to change friction with the output shaft.
2. The brake device as claimed in Claim 1, wherein the first connection device comprises a first link connected to the connection rod of the brake board and pivotably connected to a second link, a sliding member connected to the second link and movably retained in a groove, a spring received in the groove and biasing the sliding member at an initial position.
3. The brake device as claimed in Claim 1, wherein the trigger device comprises a trigger that has an end pivotably connected to the casing and the other end engaged with a second connection device, the brake device having a second flexible band which wraps around the output shaft and has one end fixed to the casing and the other end connected to the second connection device.
4. The brake device as claimed in Claim 3, wherein the second connection device comprises a cam which has a protrusion board and a tongue which is driven by a

driving end of the trigger so as to rotate the cam, a block slidably retained in a second groove and connected to said the other end of the second flexible band, the block being pushed by the protrusion board and a spring received in the second groove so as to bias the block at an initial position.

5. A brake mechanism of a tool having a casing and an output shaft, comprising:
a trigger device comprising a switch for selectively activating power of the tool;;
and
a brake device adapted to depress a transmission of power of the tool, the brake device comprising a connection device and a flexible band, the connection device being a link mechanism which is activated by the trigger device, the flexible band wrapping the output shaft and having one end fixed to the casing and the other end engaged with the connection device, the flexible band being pulled by the connection device to change friction with the output shaft.
6. The brake device as claimed in Claim 5, wherein the connection device comprises a cam which has a protrusion board and a tongue which is driven by a driving end of the trigger so rotate the cam, a block slidably retained in a groove and connected to said the other end of the flexible band, the block being pushed by the protrusion board and a spring received in the groove so as to bias the block to an initial position.